

# Declaration, Power Of Attorney and Petition

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WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PIG FROM A PRRSV AND A METHOD OF DETECTING A PRRSV

the specification of which

is attached hereto.

was filed on SEPTEMBER 1, 1994 as

Application Serial No. 08/301,435

and amended on \_\_\_\_\_

was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_,

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under Section 119 of Title 35 United States Code, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application No.	Country	Day/Month/Year	Priority Claimed
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

We (I) hereby claim the benefit under Section 120 of Title 35 United States Code, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Section 112 of Title 35 United States Code, We (I) acknowledge the duty to disclose material information as defined in Section 1.56(a) of Title 37 Code of Federal Regulations, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

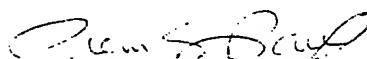
Application Serial No.	Filing Date	Status (pending, patented, abandoned)
08/131,625	OCTOBER 5, 1993	PENDING
07/969,071	OCTOBER 30, 1992	ABANDONED

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number, 25,599; Arthur I. Neustadt, Registration Number 24,854; Robert C. Miller, Registration Number 25,357; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number, 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Stuart D. Dwork, Registration Number 31,103; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; William B. Walker, Registration Number 22,498; Timothy R. Schwartz, Registration Number 32,171; Stephen G. Baxter, Registration Number 32,884; Gilberto M. Villacorta, Registration Number 34,038; and John H.O. Clarke, Registration Number 17,373; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Prem S. PAUL

NAME OF FIRST ~~SOLE~~ INVENTOR



Signature of Inventor

10 - 30 - 1994

Date

Residence: 4206 Arizona Circle

Ames, Iowa 50014

Citizen of: U.S.A.

Post Office Address: SAME AS ABOVE

Xiang-Jin MENG  
NAME OF SECOND JOINT INVENTOR

Xiang-Jin Meng  
Signature of Inventor

11/6/94  
Date

Patrick HALBUR  
NAME OF THIRD JOINT INVENTOR

Patrick E. Halbur  
Signature of Inventor

11/7/94  
Date

Igor MOROZOV  
NAME OF FOURTH JOINT INVENTOR

Igor Morozov  
Signature of Inventor

11.06.94  
Date

Melissa A. LUM  
NAME OF FIFTH JOINT INVENTOR

Melissa A. Lum  
Signature of Inventor

11/3/94  
Date

Residence: 725 Pammel Court  
Ames, Iowa 50014

Citizen of: People's Republic of China  
Post Office Address: SAME AS ABOVE

Residence: 3211 Kingman Road  
Ames, Iowa 50014

Citizen of: U.S.A.  
Post Office Address: SAME AS ABOVE

Residence: 407 S. 5th Street, Apt. 156  
Ames, Iowa 50010

Citizen of: Russia  
Post Office Address: SAME AS ABOVE

Residence: C/O Solvay Animal Health, Inc.  
1201 Northland Drive

Mendota Heights, Minn. 55120-1149  
Citizen of: U.S.A.  
Post Office Address: SAME AS ABOVE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Prem S. PAUL et al. ) Group Art Unit: 1645  
Application No.: 08/301,435 ) Examiner: D. Wortman  
Filed: September 1, 1994 )  
For: POLYNUCLEIC ACIDS ISOLATED )  
FROM A PORCINE REPRODUCTIVE )  
AND RESPIRATORY SYNDROME )  
VIRUS (PRRSV), PROTEINS )  
ENCODED BY THE POLYNUCLEIC )  
ACIDS, AND A METHOD OF )  
PROTECTING FROM PRRSV )  
INFECTION USING VACCINES )  
BASED ON THE PROTEINS AND/OR )  
POLYNUCLEIC ACIDS )

REVOCATION AND NEW POWER OF ATTORNEY  
BY ASSIGNEE OF ENTIRE INTEREST

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As the Assignee of the entire interest in the above-identified application, all powers of attorney previously given are hereby revoked, and Sharon E. Crane, Registration No. 36,113 is hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected with the above-identified application. The Assignee has reviewed documentary evidence of the chain of title from the original owner to the Assignee, wherein the Assignment was filed with a Request for Continued Examination on February 26, 2001, and certifies that to the best of its knowledge and belief it is an owner of the right, title and interest in and to the above-identified application.

Please direct all telephone calls and correspondence to:

Sharon E. Crane, Ph.D.  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620



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7-5-01<sup>10</sup>

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: 6/19/01

Signature: K. Kirkland

Name: Kenneth Kirkland, Ph.D.

Title: Executive Director

Company: Iowa State University Research Foundation, Inc.